250

#2

OIPE

RAW SEQUENCE LISTING   DATE: 03/13/2002
PATENT APPLICATION: US/10/081,108   TIME: 10:17:31

     Input Set : **N:\Crf3\RULE60\10081108.raw**
     Output Set: **N:\CRF3\03132002\J081108.raw**

        SEQUENCE LISTING

```
 1 (1) GENERAL INFORMATION:
 2       (i) APPLICANT: van der Bruggen et al.
 3      (ii) TITLE OF INVENTION: ISOLATED PEPTIDE WHICH FORMS COMPLEXES
 4                               WITH MHC MOLECULE HLA-Cw*1601 AND USES
 5                               THEREOF
 6     (iii) NUMBER OF SEQUENCES: 9
 7      (iv) CORRESPONDENCE ADDRESS:
 8           (A) ADDRESSEE: Felfe & Lynch
 9           (B) STREET: 805 Third Avenue
10           (C) CITY: New York
11           (D) STATE: New York
12           (E) COUNTRY: USA
13           (F) ZIP: 10022
14       (v) COMPUTER READABLE FORM:
15           (A) MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette
16           (B) COMPUTER: IBM PS/2
17           (C) OPERATING SYSTEM: PC-DOS
18           (D) SOFTWARE: Wordperfect
19      (vi) CURRENT APPLICATION DATA:
20           (A) APPLICATION NUMBER: US/10/081,108
21           (B) FILING DATE: 20-Feb-2002
22           (C) CLASSIFICATION:
23     (vii) PRIOR APPLICATION DATA:
24           (A) APPLICATION NUMBER: 09/435,524
25           (B) FILING DATE: 08-Nov-1999
26           (A) APPLICATION NUMBER: 09/038,328
27           (B) FILING DATE:
28           (A) APPLICATION NUMBER: 08/079,110
29           (B) FILING DATE: June 17, 1993
30    (viii) ATTORNEY/AGENT INFORMATION:
31           (A) NAME: Pasqualini, Patricia A.
32           (B) REGISTRATION NUMBER: 34,894
33           (C) REFERENCE/DOCKET NUMBER: LUD 5310.2
34      (ix) TELECOMMUNICATION INFORMATION:
35           (A) TELEPHONE: (212) 688-9200
36           (B) TELEFAX: (212) 838-3884
37 (2) INFORMATION FOR SEQ ID NO: 1:
38       (i) SEQUENCE CHARACTERISTICS:
39           (A) LENGTH: 1004
40           (B) TYPE: nucleic acid
41           (C) STRANDEDNESS: single
42           (D) TOPOLOGY: linear
```

C--> 20
C--> 21

ENTERED

RAW SEQUENCE LISTING   DATE: 03/13/2002
PATENT APPLICATION: US/10/081,108   TIME: 10:17:31

Input Set : **N:\Crf3\RULE60\10081108.raw**
Output Set: **N:\CRF3\03132002\J081108.raw**

```
43    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
44    CGCCAATTTA GGGTCTCCGG TATCTCCCGC TGAGCTGCTC TGTTCCCGGC TTAGAGGACC        60
45    AGGAGAAGGG GGAGCTGGAG GCTGGAGCCT GTAACACCGT GGCTCGTCTC ACTCTGGATG       120
46    GTGGTGGCAA CAGAGATGGC AGCGCAGCTG GAGTGTTAGG AGGGCGGCCT GAGCGGTAGG       180
47    AGTGGGGCTG GAGCAGTAAG ATG GCG GCC AGA GCG GTT TTT CTG GCA TTG TCT       233
48                        Met Ala Ala Arg Ala Val Phe Leu Ala Leu Ser
49                                                 5                    10
50    GCC CAG CTG CTC CAA GCC AGG CTG ATG AAG GAG GAG TCC CCT GTG GTG       281
51    Ala Gln Leu Leu Gln Ala Arg Leu Met Lys Glu Glu Ser Pro Val Val
52                     15                  20                  25
53    AGC TGG AGG TTG GAG CCT GAA GAC GGC ACA GCT CTG TGC TTC ATC TTC       329
54    Ser Trp Arg Leu Glu Pro Glu Asp Gly Thr Ala Leu Cys Phe Ile Phe
55                 30                  35                  40
56    TGAGGTTGTG GCAGCCACGG TGATGGAGAC GGCAGCTCAA CAGGAGCAAT AGGAGGAGAT       389
57    GGAGTTTCAC TGTGTCAGCC AGGATGGTCT CGATCTCCTG ACCTCGTGAT CCGCCCGCCT       449
58    TGGCCTTCCA AAGTGCCGAG ATTACAGCGA TGTGCATTTT GTAAGCACTT TGGAGCCACT       509
59    ATCAAATGCT GTGAAGAGAA ATGTACCCAG ATGTATCATT ATCCTTGTGC TGCAGGAGCC       569
60    GGCTCCTTTC AGGATTTCAG TCACATCTTC CTGCTTTGTC CAGAACACAT TGACCAAGCT       629
61    CCTGAAAGAT GTAAGTTTAC TACGCATAGA CTTTTAAACT TCAACCAATG TATTTACTGA       689
62    AAATAACAAA TGTTGTAAAT TCCCTGAGTG TTATTCTACT TGTATTAAAA GGTAATAATA       749
63    CATAATCATT AAAATCTGAG GGATCATTGC CAGAGATTGT TGGGGAGGGA AATGTTATCA       809
64    ACGGTTTCAT TGAAATTAAA TCCAAAAAGT TATTTCCTCA GAAAAATCAA ATAAAGTTTG       869
65    CATGTTTTTT ATTCTTAAAA CATTTTAAAA ACCACTGTAG AATGATGTAA ATAGGGACTG       929
66    TGCAGTATTT CTGACATATA CTATAAAATT ATTAAAAAGT CAATCAGTAT TCAACATCTT       989
67    TTACACTAAA AAGCC                                                     1004
69 (2) INFORMATION FOR SEQ ID NO: 2:
70       (i) SEQUENCE CHARACTERISTICS:
71            (A) LENGTH: 43
72            (B) TYPE: amino acid
73            (C) STRANDEDNESS: single
74            (D) TOPOLOGY: linear
75       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
76       Met Ala Ala Arg Ala Val Phe Leu Ala Leu Ser Ala Gln Leu Leu Gln
77                        5                  10                  15
78       Ala Arg Leu Met Lys Glu Glu Ser Pro Val Val Ser Trp Arg Leu Glu
79                     20                  25                  30
80       Pro Glu Asp Gly Thr Ala Leu Cys Phe Ile Phe
81                     35                  40
83 (2) INFORMATION FOR SEQ ID NO: 3:
84       (i) SEQUENCE CHARACTERISTICS:
85            (A) LENGTH: 9
86            (B) TYPE: amino acid
87            (C) STRANDEDNESS: single
88            (D) TOPOLOGY: linear
89       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
90       Ala Ala Arg Ala Val Phe Leu Ala Leu
91                     5
93 (2) INFORMATION FOR SEQ ID NO: 4:
94       (i) SEQUENCE CHARACTERISTICS:
```

PATENT APPLICATION: **US/10/081,108**   DATE: 03/13/2002
                                           TIME: 10:17:31

             Input Set : **N:\Crf3\RULE60\10081108.raw**
             Output Set: **N:\CRF3\03132002\J081108.raw**

```
 95            (A) LENGTH: 9
 96            (B) TYPE: amino acid
 97            (C) STRANDEDNESS: single
 98            (D) TOPOLOGY: linear
 99      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
100         Ala Arg Ala Val Phe Leu Ala Leu Phe
101                         5
103  (2) INFORMATION FOR SEQ ID NO: 5
104       (i) SEQUENCE CHARACTERISTICS:
105            (A) LENGTH: 9
106            (B) TYPE: amino acid
107            (C) STRANDEDNESS: single
108            (D) TOPOLOGY: linear
109      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
110         Met Ala Ala Arg Ala Val Phe Leu Ala
111                         5
113  (2) INFORMATION FOR SEQ ID NO: 6:
114       (i) SEQUENCE CHARACTERISTICS:
115            (A) LENGTH: 18
116            (B) TYPE: nucleic acid
117            (C) STRANDEDNESS: single
118            (D) TOPOLOGY: linear
119      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
120         TGGCTCGTCT CACTCTGG                               18
122  (2) INFORMATION FOR SEQ ID NO: 7:
123       (i) SEQUENCE CHARACTERISTICS:
124            (A) LENGTH: 19
125            (B) TYPE: nucleic acid
126            (C) STRANDEDNESS: single
127            (D) TOPOLOGY: linear
128      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
129         CCTCCTATTG CTCCTGTTG                              19
131  (2) INFORMATION FOR SEQ ID NO: 8:
132       (i) SEQUENCE CHARACTERISTICS:
133            (A) LENGTH: 19
134            (B) TYPE: nucleic acid
135            (C) STRANDEDNESS: single
136            (D) TOPOLOGY: linear
137      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
138         GGCATCGTGA TGGACTCCG                              19
140  (2) INFORMATION FOR SEQ ID NO: 9:
141       (i) SEQUENCE CHARACTERISTICS:
142            (A) LENGTH: 19
143            (B) TYPE: nucleic acid
144            (C) STRANDEDNESS: single
145            (D) TOPOLOGY: linear
146      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
147         GCTGGAAGGT GGACAGCGA                              19
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 03/13/2002
PATENT APPLICATION: US/10/081,108   TIME: 10:17:32

Input Set : **N:\Crf3\RULE60\10081108.raw**
Output Set: **N:\CRF3\03132002\J081108.raw**

<u>**Invalid Line Length:**</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 44,45,46,47,50,53,56,57,58,59,60,61,62,63,64,65,66,67
Seq#:6; Line(s) 120
Seq#:7; Line(s) 129
Seq#:8; Line(s) 138
Seq#:9; Line(s) 147

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/081,108

DATE: 03/13/2002
TIME: 10:17:32

Input Set : **N:\Crf3\RULE60\10081108.raw**
Output Set: **N:\CRF3\03132002\J081108.raw**

L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]